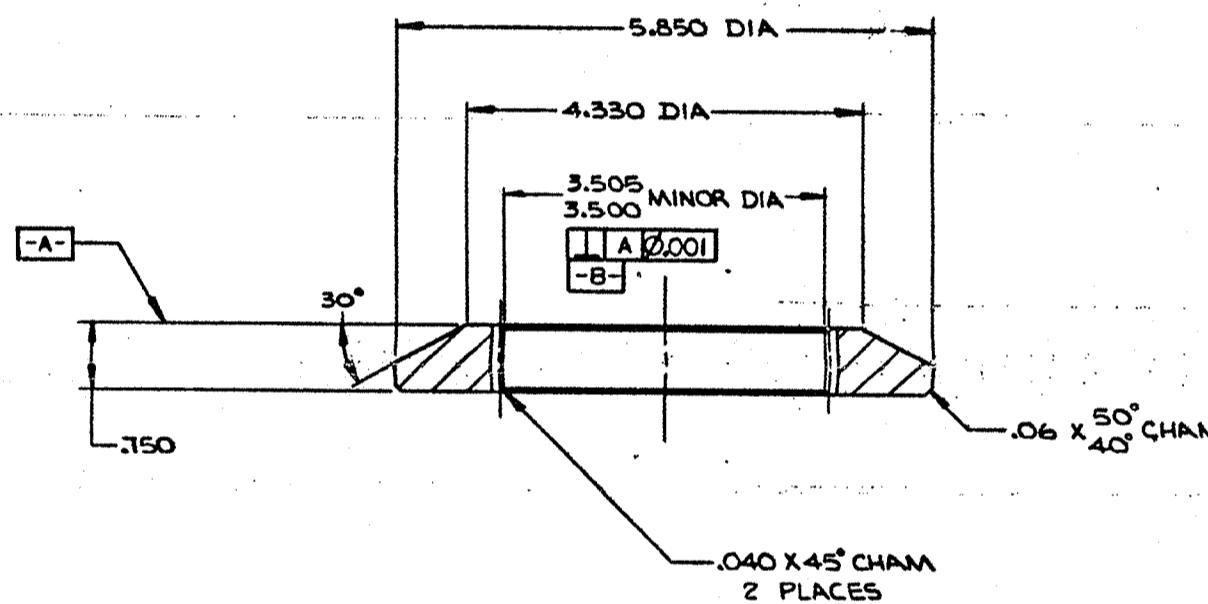
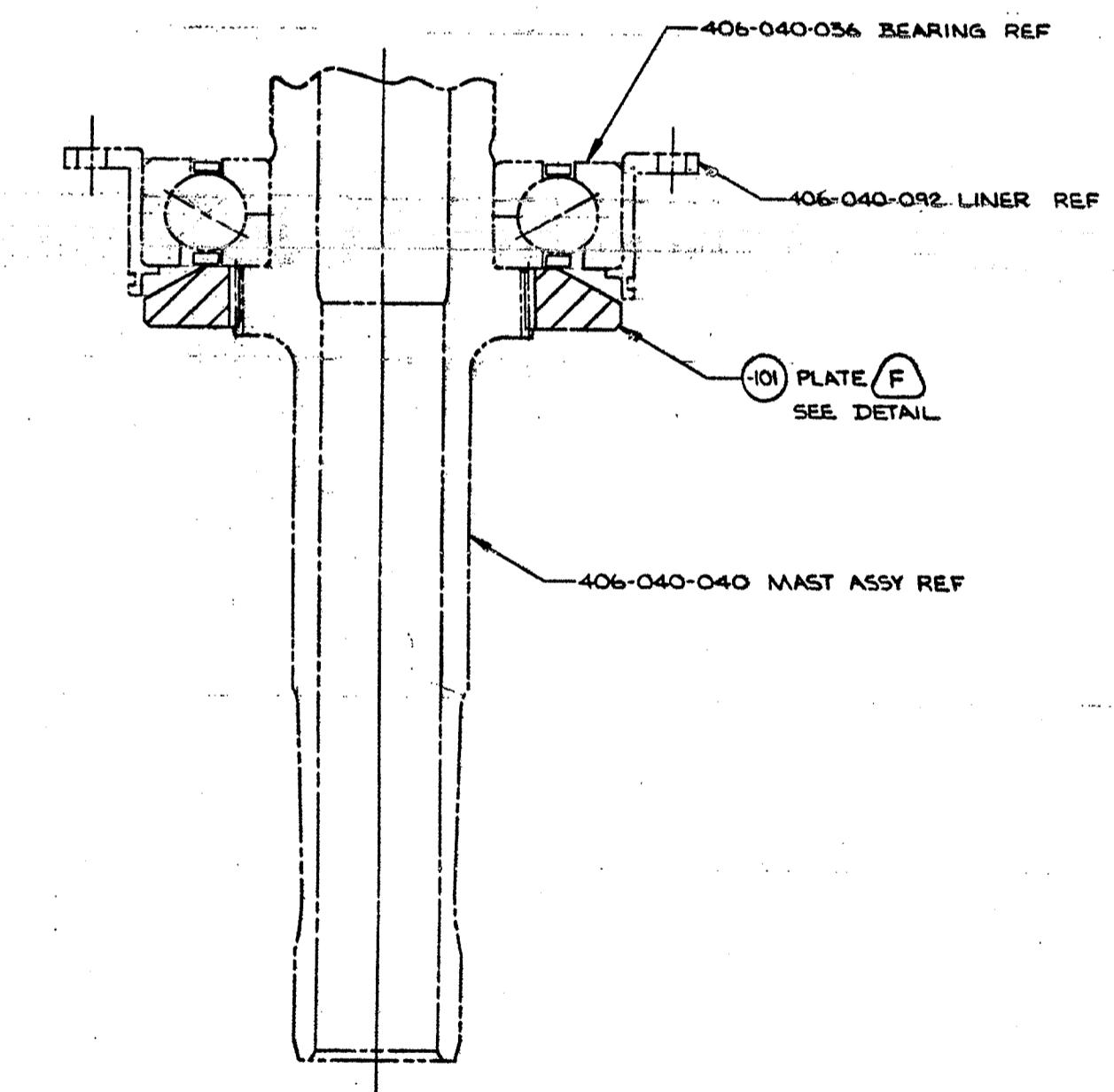


DETAIL -101



SECTION A-A



APPLICATION VIEW

SPLINE -C-

TYPE INTERNAL INVOLUTE,
FILLET ROOT, SIDE FIT
NO OF TEETH 43
PITCH 12/24
PRESSURE ANGLE 30°
BASE CIRCLE DIA 3.103258 REF
PITCH DIA 3.58553 REF
MAJOR DIA 3.7154 MAX
FORM DIA 3.674
MINOR DIA 3.500-3.505 REF
CIRCULAR SPACE WIDTH
MAX ACTUAL .1346
MIN EFFECTIVE .1309
TIP EDGE BREAK .003 MAX
SURFACE TEXTURE 90 RA
MEASUREMENT BETWEEN
.1440 DIA PINS 3.3780-3.3801 REF

FILE COPY

SEE SEPARATE PARTS LIST
Bell Helicopter TEXTRON
Division of Textron Inc
TITLE PLATE-BEARING
REMOVAL, MAIN ROTOR
MAST
DWG CODE IDENT NO DWG NO.
E 97499 T103318
SCALE 1A ISSUED SHEET 1 OF 1
LIMITED

		DRAWN 5/1/82
		CHECKED 5/1/82
		STRESSED 5/1/82
		WEIGHTS
		ORIGINATOR D-3 10-14-1/82
		DER
		NET DESIGN 5/1/82
		PROJECT 5/1/82
		DWG CODE IDENT NO DWG NO.
		E 97499 T103318
		SCALE 1A ISSUED SHEET 1 OF 1 LIMITED
PROPRIETARY RIGHTS NOTICE		UNLESS OTHERWISE SPECIFIED
THESE DATA ARE PROPRIETARY TO BELL		DIMENSIONS ARE IN INCHES
HELICOPTER TEXTRON. DISCLOSURE,		TOLERANCES ON
REPRODUCTION, OR USE OF THESE DATA FOR		DETAILED ANGLES
MANUFACTURING, ASSEMBLY, OR REPAIR		XX 2.00 2 1/2°
WITHOUT WRITTEN AUTHORIZATION FROM BELL		XX 2.00 2 1/2°
HELICOPTER TEXTRON.		XX 2.00 2 1/2°
101-406-040-011 DWG-SPEC		THE FOREGOING DOES NOT APPLY TO
101 TEST 406HES22 VENDOR PARTS		UNLISTED FEATURES PER ASSEMBLY
DASH NO. APPLICATION		125 MACHINED SURFACES EXCEPT AS NOTED

FOR REFERENCE ONLY
NOT FOR PRODUCTION

PARTS LIST	Bell Helicopter TEXTRON POST OFFICE BOX 482 • FORT WORTH, TEXAS 76101	CODE IDENT NUMBER 97499	CONTRACT NUMBER	HEAT TREAT SPEC MIL-H- 6875 FINISH SPEC 299-947-739	NUMBER PLT103318	REVISION LETTER -		
			FOR INTERPRETATION SEE 299-947-739					
DRAWING TITLE ► PLATE - BEARING REMOVAL, MAIN ROTOR MAST			EWA	406D226	DRAWING TYPE T	SH 1 OF 1		
PL. REVISION RECORD								
LTR	DESCRIPTION	DATE	LTR	DESCRIPTION	DATE	LTR	DESCRIPTION	DATE
-	ORIG RELEASE	10-13-82						
PL. NOTES								
LTR LINE NOTE								
A	MARK PER BPS4050.							
B	BREAK SHARP EDGES .015 RADIUS OR .015 X 40-50 DEGREE CHAMFER UNLESS OTHERWISE SPECIFIED.							
C	RUNOUT OF ALL DIAMETERS AND SURFACES TO AX'S ESTABLISHED BY DATUMS -A- AND -B- SHALL BE .010 UNLESS OTHERWISE SPECIFIED.							
D	APPLY PHOSPHATE COATING PER DOD-P-16232 TYPE M CLASS 2.							
E	T103318-101 PLATE SHALL BE USED TO REMOVE 406-040-036 BEARING FROM 406-040-040 MAST ASSEMBLY.							
F	FOR ALTERNATE MATERIAL USE 4130 ALY STEEL PLATE, .750 THK X 6.0 WIDE X 6.0 LONG PER MIL-S-18729							
2	OR 4130 ALY STEEL BAR, 6.250 DIA X .8 THK, PER MIL-S-6758.							
PART NUMBER MATERIAL REQUIREMENTS								
DASH	***** STOCK SIZE *****						MATERIAL *****	
NO	NOMENCLATURE	THICKNESS/SHAPE	WIDTH/WALL LENGTH	INITIAL	FINAL	TYPE	NAME	SPECIFICATION
-101	PLATE	6.2500 DIA	1.500WALL	.8	N	145-165	4130	ALY STEEL MIL-T-6736.TY.1
PARTS LIST								
RV	***** QUANTITY PER ASSEMBLY *****	PART NUMBER	NOMENCLATURE	EFFECTIVITY CODE	FINISH	C		
LR			GFAE FROM	THRU IDENT	CHM. ORG. NOTE	T. SH. ZNE D1		
		-101	PLATE		NOTE	D.E.F D. I.		
END PARTS LIST								

FORM 7840-59769

P319134
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